LaTex Template for ICHEP08

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This template is set up to allow printing on either A4 or US letter size paper and is JACoW compliant. In addition, both the LaTeX template and MS Word are set up to closely match each other. For optimum use, do not make changes or modifications to the page layout or paragraph styles. If you experience difficulty using this template, please contact the ICHEP08 Proceedings Team by sending an email message to ichep08-proceedings@hep.upenn.edu. It is not intended that this should be a tutorial in word processing; the aim is to explain the particular requirements for electronic publication for ICHEP08.

1. USING THIS TEMPLATE

Template documents for the recommended word processing software are available from the ICHEP08 Website[1] and exist for LaTeX and MS Word (Mac and PC). Click on the appropriate template and save to your desktop by selecting the "Save it to Disk" option.

Copy your text into the template and use the Save As command for your paper. Because this template has been set up to meet requirements for conference papers, it is important to maintain the established paragraph styles.

2. MANUSCRIPT

2.1. General Layout

This template has been set up so that conference papers can print on either A4 or US letter size paper. Every effort should be made to avoid changing the Page Setup properties. Note that when printed on A4 size paper, the margins will not be even, but the full text will be preserved.

If you are using MS Word, the Page Setup Properties should match the settings that appear in the "Dual" column in Table I.

2.2. Fonts

Authors should only use Times New Roman for the text and Helvetica for the headings. Using the appropriate paragraph styles will ensure proper use of font family and size. All contributions should use 10pt Times New Roman for the body text.

For graphics, Helvetica or Arial, and symbol fonts should be used.

2.3. Headers and Footers

The appropriate header is provided in this example. Please do not change it. There is no footer.

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[1] http://ichep08.com/index.php?option=com_content&task=view&id=60&Itemid=117

Table I: Margin Specifications

Margin	Dual	A4 Paper	US Letter Paper
Top	7.6 mm	37 mm	19 mm
	(0.3 in)	(1.45 in)	(0.75 in)
Bottom	20 mm	19 mm	19 mm
	(0.79 in)	(0.75 in)	(0.75 in)
Left	20 mm	20 mm	20 mm
	(0.79 in)	(0.79 in)	(0.79 in)
Right	20 mm	20 mm	26 mm
	(0.79 in)	(0.79 in)	(1.0 in)

2.4. Title, Authors and Affiliations

The paper's title should be the width of the full page and set in 14pt bold upper and lower case letters and left aligned on the page.

The names of the authors and their organization or affiliation and mailing address should be listed in 10pt upper and lower case letters, grouped by affiliation. Papers submitted on behalf of collaborations may be indicated by "(for the XYZ collaboration)" after the presenter's name.

2.5. Section Headings

Section headings should be numbered; use 11pt bold all upper case letters and left aligned in the column.

2.6. Subsection Headings

Subsection headings should be numbered (such as 3.2 Penalties for Late Submission), have 11pt upper and lower case letters and be left aligned in the column.

The recommended maximum number of subsections is three. Using four levels of sublevels is discouraged.

2.7. Paragraph Text

Paragraphs should use 10pt times roman font and be justified (touch each side) on the page. The beginning of each paragraph should be indented approximately 3 mm (0.13 in).

2.8. Figures, Tables and Equations

Place figures and tables as close to the place of their mention as possible. Table I is an example of a table and Figure 1 is an example of a figure. Lettering in figures and tables should be large enough to reproduce clearly, using only the approved fonts. Use of non-approved fonts in figures often leads to problems when the files are processed and may even cause loss of information. (See Section 2.2 for approved fonts for graphics)

LaTeX users should use non bitmapped versions of Computer Modern fonts in equations (type 1 PostScript fonts are required, not type 3).

All figures and tables must be given sequential numbers (1, 2, 3, etc.) and have a caption placed below the figure or above the table being described, using 10pt Times New Roman and left aligned.

Text should not be obscured by figures.

If a displayed equation needs a number, place it flush with the right margin of the column (see Eq. 1). Units should be written using the roman font, not the italic font.
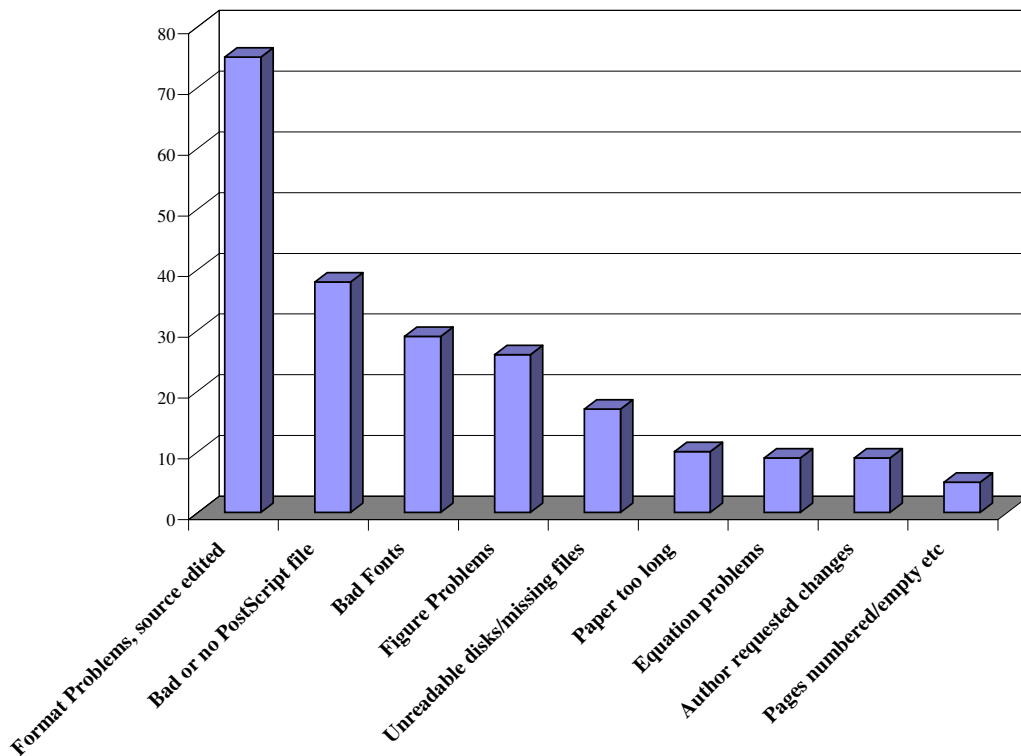
Figure 1: Example of full width figure.

$$C_B = \frac{q^3}{3\epsilon_0 mc} = 3.54\,\mu\text{eV/T} \tag{1}$$

2.9. Acknowledgments

Place acknowledgments including required mentions of the contract numbers in the Acknowledgements Section. See also Section 2.11.

2.10. References

All bibliographical references should be numbered and listed at the end of the paper in a section called "References." When referring to a reference in the text, place the corresponding reference number in square brackets [1].

2.11. Footnotes

It is recommended that footnotes only be used in the body of the paper and not placed after the list of authors, affiliations, or in the abstract. See also Section 2.9.

2.12. Acronyms

Acronyms should be defined the first time they appear.

3. PAPER SUBMISSION

3.1. Submitting to arXiv Server

Authors are required to submit their papers and source files to the ePrint arXiv server. **It is particularly important for LaTeX users to submit the slac_one.rtx file along with their source files.** Authors using MS Word cannot submit source files to the ePrint arXiv server, but rather need to submit a PDF file instead.

Submission to the arXiv server provides automated version control. If authors need to make changes, they can resubmit to the arXiv server, and a new version number is automatically applied, thus eliminating most version control problems. The ICHEP08 proceedings will automatically reference the latest version of the paper.

After the arXiv has accepted an author's paper, the author is requested to verify that the PDF the arXiv produced is the same as their local PDF and that the format agrees with our example.

3.2. Submitting to the Conference

After the arXiv has accepted an author's paper and the author has verified that the arXiv's PDF is correct, the arXiv number — NNNN.NNNN (eg, 0809.0001) — needs to be entered on the ICHEP08 web site (http://www.hep.upenn.edu/ichep08/talks/proceedings/) so that it can be included in the offical proceedings.

4. FINAL CHECKLIST FOR ELECTRONIC PUBLICATION

- Proper layout?
- Correct fonts?
- Conference information in header?
- Correct format of title, author list, and affiliation?

Acknowledgments

References

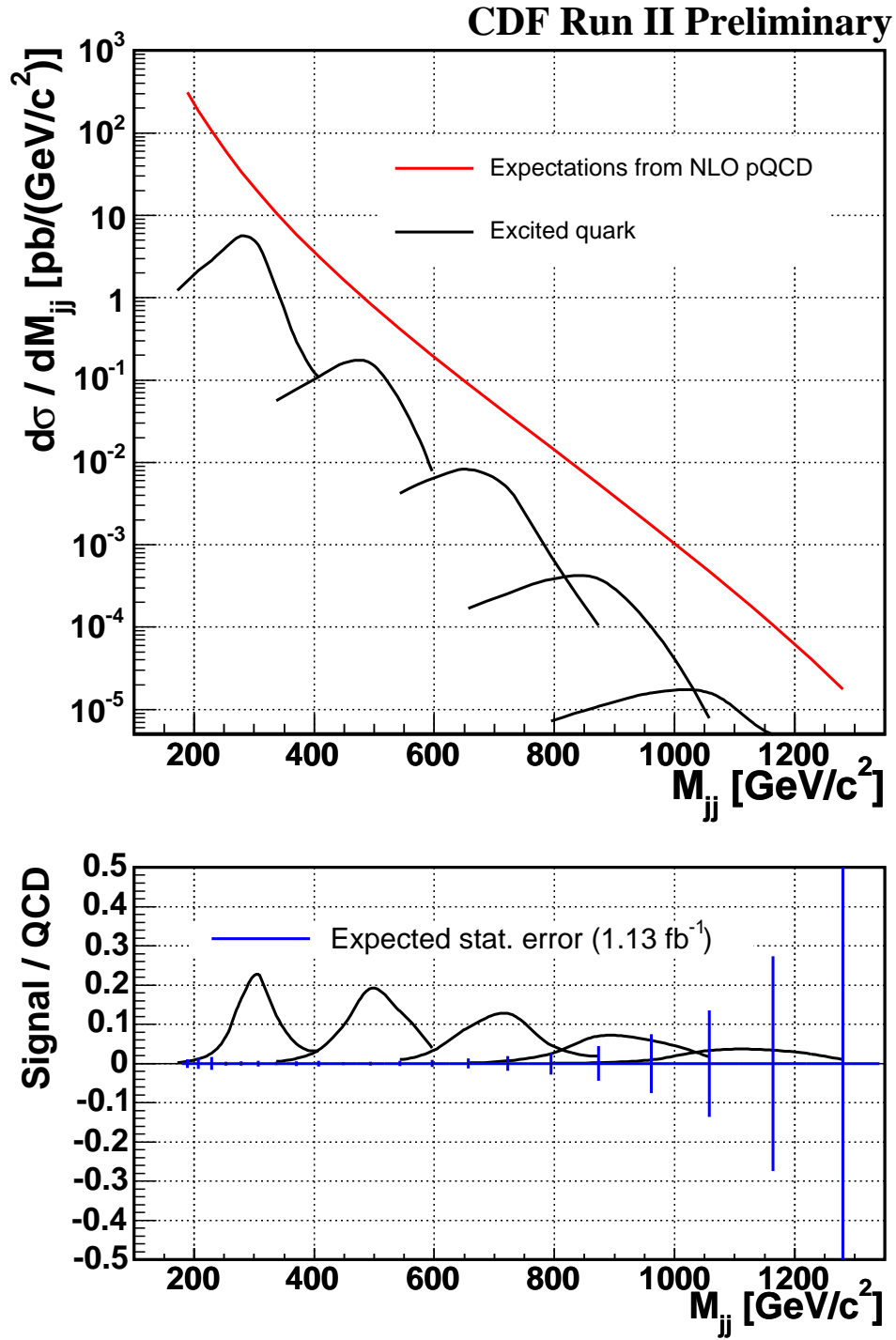[1] A.N. Other, "A Very Interesting Paper", EPAC'96, Sitges, June 1996.
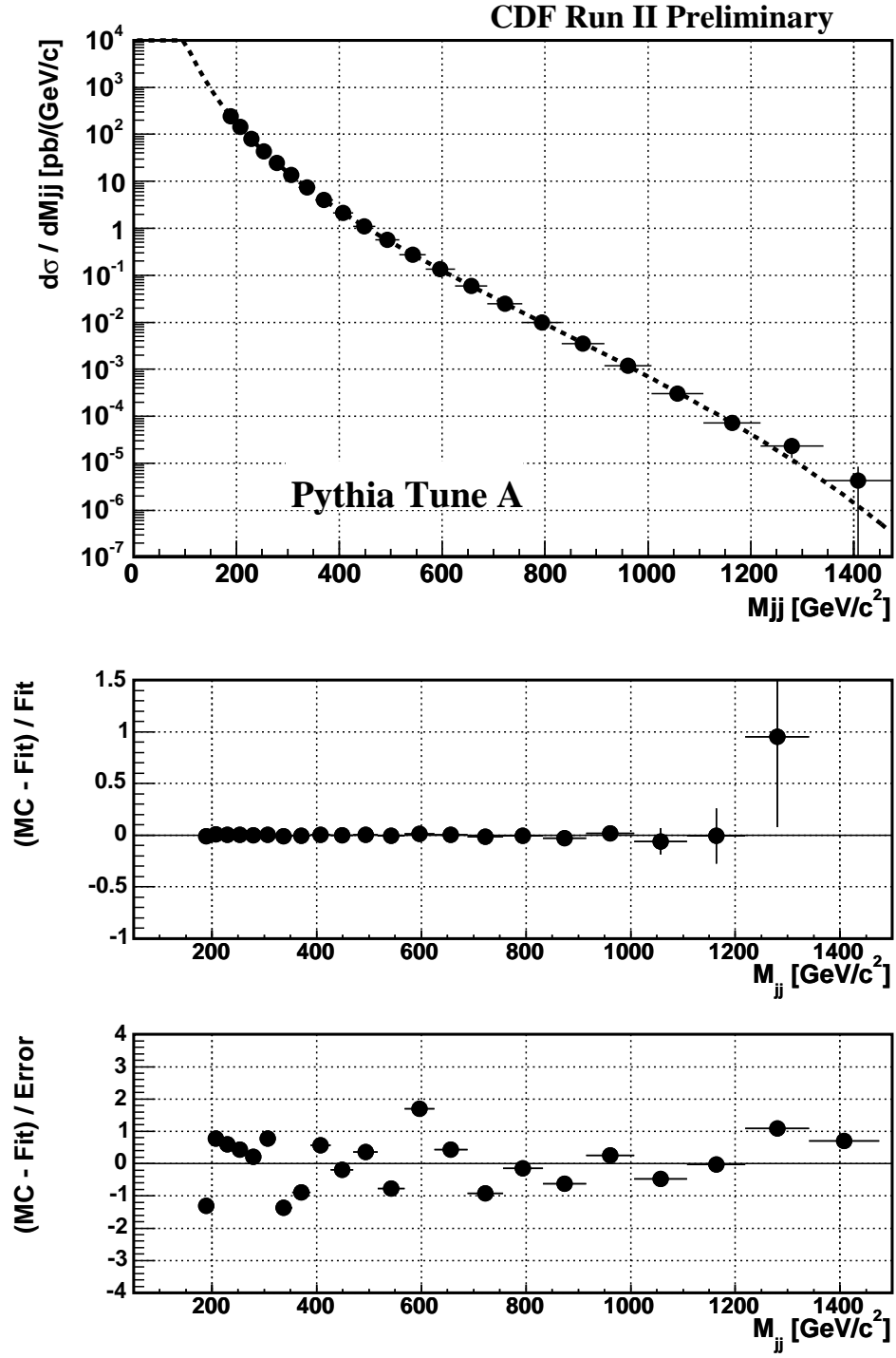
Figure 2: CDF dijet plot 1
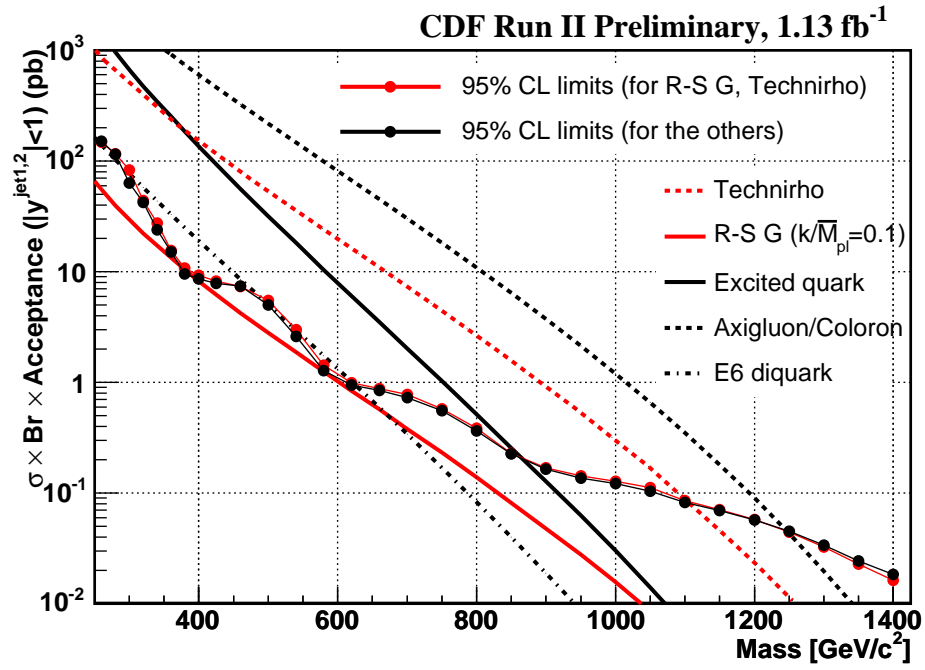
Figure 3: CDF dijet plot 1
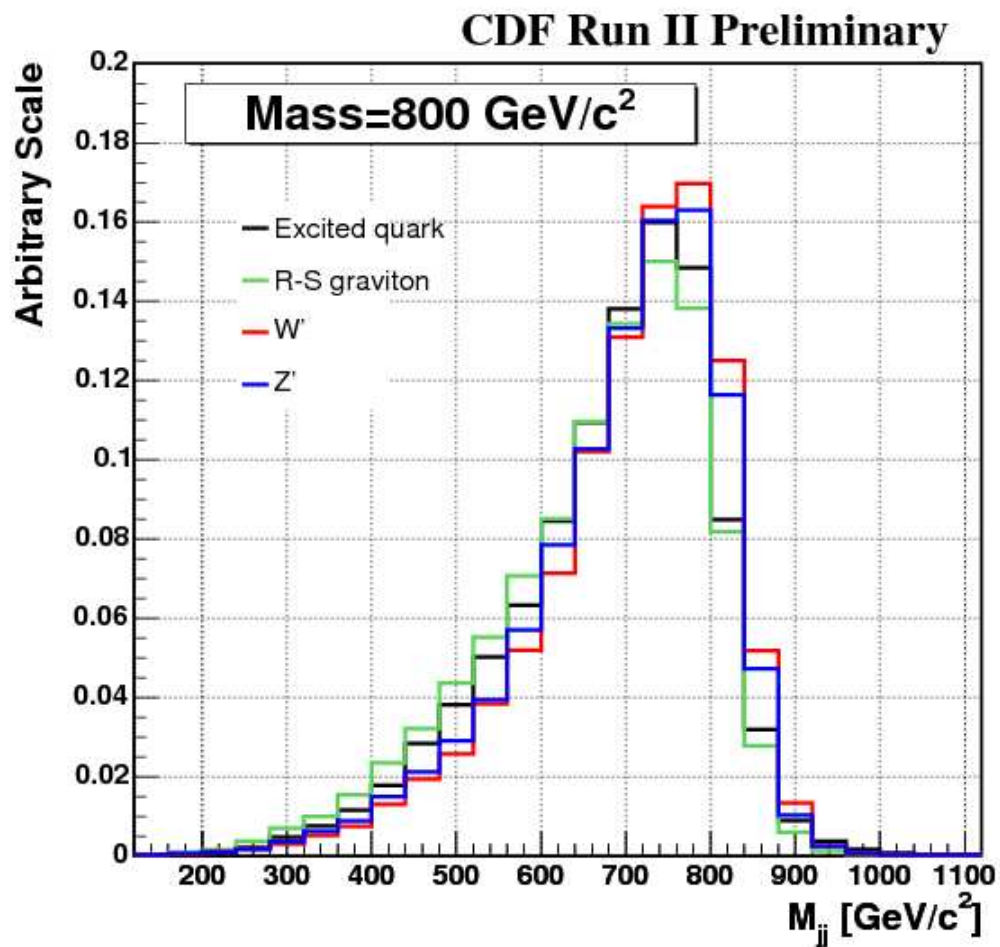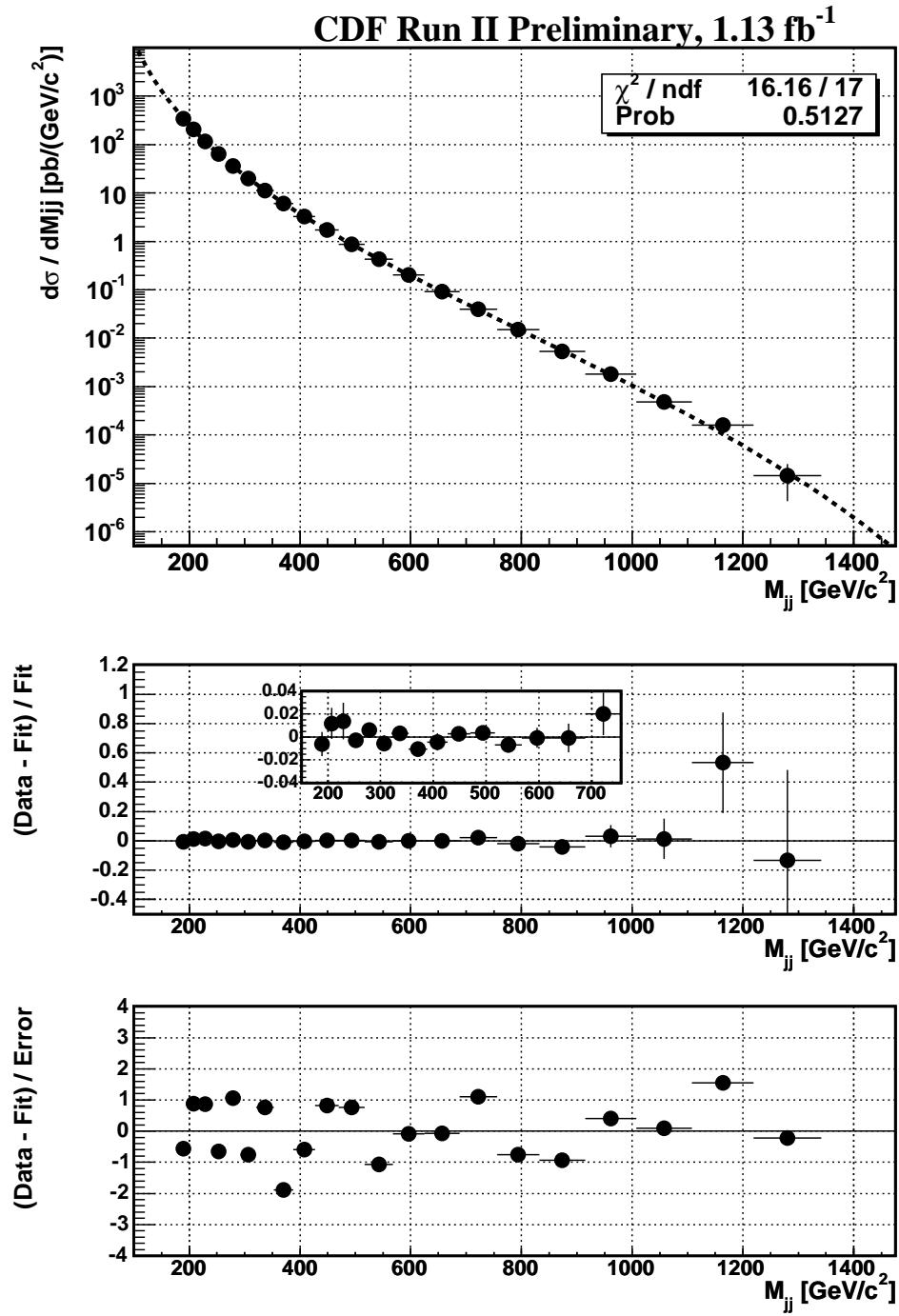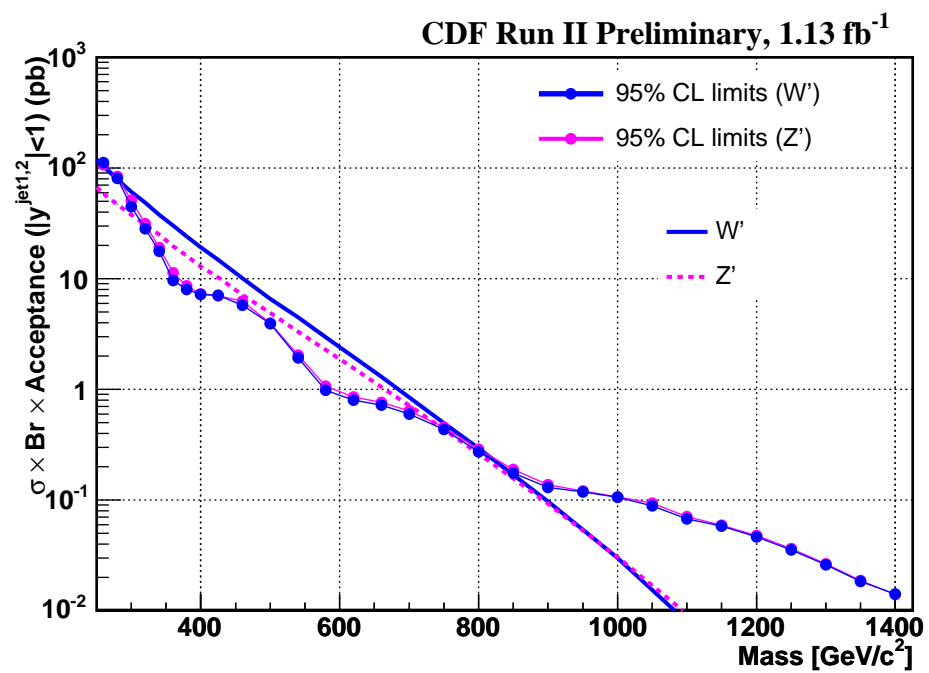
Figure 4: CDF dijet plot 1

Figure 5: CDF dijet plot 1

Figure 6: CDF dijet plot 1

Figure 7: CDF dijet plot 1